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SOURCE Periodical and books as indicated.

DATA ON SOVIET INSTITUTES WORKING IN PHYSICS

[Comment: The following presents information on Soviet institutes working in physics. Numbers in parentheses refer to appended sources.]

The following works and scientists have been identified with the institutes named.

Scientific Research Institute of Physics (NIIF)

The Scientific Research Institute of Physics manufactures steeloscopes and steelometers which are used at the Moscow "Manometr" Plant and in the Central Laboratory.(1)

Sokolov, A. and Kerimov, D., "The Mass of Neutral Mesons," Doklady Akademii Nauk SSSR, Vol. LXIV, No 2, 1949.(2)

Dnepropetrovsk Physicotechnical Institute (DFTI)

A 1935 description of the work and structure of the institute is available in FPD Document 515040.(3)

Saratov Physics Institute

Zemorenkov, B. M., "Phase Focusing in a Magnetron With Plane Electrodes "(4)

Shevchik, V. N., "Theory of the Klystron."(4)

Scientific Research Physics Institute, Leningrad State University

Sidorenko, A. I., "Ionization of Aromatic Amines by Vacuum Absorption Over Activated Clay."(5)

Pavlova, Ye. N., Rodionov, S. P., Sominskiy, M. S., and Fishkova, L. M., "Distribution of Intensity of Infrared Radiation of the Night Sky Over the Celestial Vault."(6)

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Bespechnyy, M. P. and Gogoberidze, D. B. "Oscillographic Pendulum Sclerometer and Its Use." (7)

Chair of General Physics, Molotov State University imeni Gorkiy

Ostroumov, G. A., "Mathematical Theory of Steady-State Heat Transfer in an Annular Vertical Aperture During Superposition of Forced and Free Laminar Convection." (8)

Scientific Research Institute of Physics, Moscow State University

Telesnin, N. L. and Krasil'nikov, V. A. "An Ultrasonic Interferometer With a Traveling Wave." (9)

El'tsin, I. A., "Plate Method for Determining the Dielectric Constant and Loss Angle." (10)

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Akhmetzyanov, K. G., Mikheyukov, V. Ye., and Turovskiy, Ya. A., "Properties of Liquid Metallic Alloys (Bi-Cd-Sn-Pb)" (12)

Volkov, D. I. and Skorobogatov, V. I., "Measurement of Magnetostriction With a Wire Tensometer." (13)

Scientific Research Institute of Mechanics and Physics, Saratov State University imeni N. G. Chernyshev

Patrushev, V. L. and Gershteyn, A. M., "Generation of Decimeter and Centimeter Waves." (14)

Sus, A. N., "A Magnetron With an Internal Oscillator Loop in the Form of a Cylindrical Cavity Resonator." (15)

Patrushev, V. L., "Application of the Method of Curvilinear Coordinates to the Calculation of a π -Shaped Cavity Resonator." (16)

Physics Faculty, Moscow State University

Gvondover, S. D. and Lepukhin, V. M., "Theory of the Plane Magnetron Unit." (17)

Arkad'yev, V. K., "Electromagnetic Theory of Light and Work of the Laboratory imeni Maxwell, 1919-1984" (Magnetic Laboratory). (18)

Beznosikova, A. V. and Iveronova, V. I., "Atomic Scattering of X-Rays in Alloys of Copper and Zinc" (X-Ray Laboratory). (19)

Chair of General Physics, Moscow State Pedagogical Institute imeni V. I. Lenin (MGPI)

Malov, N. N., "Velocity of Propagation of Type Non Waves in 'Laminated' Wave Guides." (20)

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